

**393812119423701 Local number 085 N21 E20 35CDCC2 LYSIMETER 1 DEEP**

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'11.8", long 119°42'37.0" referenced to North American Datum of 1983, in SW ¼ SE ¼ SW ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 10 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than; E, estimated.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Nov</b>								
<b>02...</b>	0930	Interstitial water	7,350	1,320	.30	63.8	.216	65.4
<b>Dec</b>								
<b>07...</b>	1015	Interstitial water	7,030	1,350	.12	75.7	E.004	78.7
<b>Mar</b>								
<b>01...</b>	0918	Interstitial water	3,620	566	.09	47.4	.031	48.8
<b>Apr</b>								
<b>05...</b>	1423	Interstitial water	--	783	.04	63.0	<.008	65.3
<b>May</b>								
<b>04...</b>	1250	Interstitial water	4,800	890	<.04	67.0	<.008	69.6
<b>Aug</b>								
<b>02...</b>	1227	Interstitial water	4,950	942	.08	70.5	<.008	76.2

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: &lt;, less than; E, estimated.]

Date	Time	Sample type	Specif.	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
			tance, wat unf lab, uS/cm 25 degC (90095)					
Dec 21...	1300	Interstitial water	5,210	988	.06	95.0	<.008	104